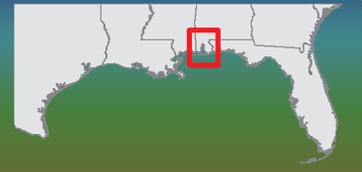




Gulf Coast
Ecosystem
Restoration
Council

Mobile Bay Watershed

Alabama Living Shorelines Program
(AL_RESTORE_004_001-003_Cat1/Cat2)



Project Name: Alabama Living Shorelines Program

Costs: Category 1: \$908,500 | Category 2: \$5,341,500

Responsible Council Member: State of Alabama

Partnering Council Member: U.S. Army Corps of Engineers

Project Details: As shoreline armoring increases in our coastal estuaries, intertidal habitats continue to be lost. To address this issue, resource agencies, regulatory agencies, non-governmental organizations (NGOs) and other concerned partners have been actively promoting living shorelines as an alternative to traditional bulkheads and similar shoreline armoring. This project conducts all preliminary planning associated with the potential future construction of three Living Shorelines projects (Coffee Island, Point aux Pins, and Boggy Point) along the Alabama coast.

Activities: The project includes activities in two FPL categories. Category 1 activities include all preliminary planning, engineering, design, regulatory compliance and permitting associated with the construction of the three Living Shorelines Projects in Mobile and Baldwin counties.

Category 1 project areas include Coffee Island and Point Aux Pins in Mississippi Sound (Mobile County) and Boggy Point in Orange Beach (Baldwin County). The goals for the Coffee Island project site involve the augmentation and modification of the existing living shorelines breakwaters on the southeastern side of the island in order to improve shoreline protection performance. The goals for the Point aux Pins project site include the planning and design of living shorelines techniques along the southeastern and southern tip to address severe chronic erosion and shoreline loss at the site. At Boggy Point, the project will design living shorelines adjacent to the heavily used Department of Conservation and Natural Resources Boggy Point Boat Ramp to restore and protect existing shoreline and salt marsh habitat.

Category 2 activities, if implemented in the future, would construct and install the living shorelines designs completed in Category 1 at the Boggy Point and Point Aux Pins sites. Project-specific post-construction monitoring would also be conducted for a period of five years.

Environmental Benefits: If Category 2 activities are implemented, the projects would protect and restore shoreline and salt marsh habitat. If implementation proceeds and the projects mature, it is anticipated that wave energies would be reduced, shoreline and salt marsh loss would be reversed and/or slowed, salt marsh would be restored and estuarine productivity would be increased.

Duration: The planning phase is expected to take one to two years to complete. If Category 2 activities are implemented, activities are expected to begin within five years of completing the planning activity and it is anticipated the construction would take one to two years.

More information on these activities can be found in Appendix F. Mobile Bay; Unique Identifier: AL_RESTORE_004_001-003_Cat1 and AL_RESTORE_004_001-003_Cat2.



Gulf Coast Ecosystem Restoration Council

Mobile Bay Watershed

Alabama Living Shorelines Program

Living Shoreline Restoration Sites

Cost: Category 1: \$908,500 | Category 2: \$5,341,500
Sponsor: State of Alabama
Project Status: Planning/Implementation
Purpose: The project will allow Alabama to design and implement living shoreline restoration techniques along the Alabama Coast. **Planning** - This planning project supports engineering, design, and permitting activities at three sites. **Implementation** - If funded in the future, this project would construct two of the planned living shorelines projects.



Map Date: October 19, 2015

Gulf of Mexico

Mobile Bay

Point aux Pins

Coffee Island

Boggy Point